update.txt

The file is located in the same folder as info.txt and contains information on updating of modeled fluxes using observations. This means that the values (e.g of flow or water stage) are changed for the rest of the simulation. The file holds the subbasins that will be updated (the order is irrelevant). Only subbasins which are to be updated have to be listed here. Updating is activated through codes in info.txt.

update.txt is a tab-separated text file. The first row contains column headings, following rows hold data. Comment columns are allowed and ignored by HYPE, but the total number of columns must not exceed 20. A text column may contain at most 100 characters.

The following columns are read by HYPE:

Column ID	Format	Description
arfact	*0-1*	AR-factor for updating method `qar` for discharge and `war` for discharge
subid	*integer*	subbasin ID (mandatory)
quseobs	*0/1*	status for discharge updating with the quseobs method
qarupd	*0/1*	status for discharge AR-updating with the qar method
tpcorr	*fraction*	change in SP and PP concentration out of subbasin, e.g. -0.1 for 10% reduction
tncorr	*fraction*	change in IN and ON concentration out of subbasin
tploccorr	*fraction*	change in SP and PP concentration out of local river
tnloccorr	*fraction*	change in IN and ON concentration out of local river
warupd	*0/1*	status for discharge updating with waterstage AR-method
wendupd	*0/1*	status for waterstage updating with the wendupd method